

PRODUCT NUMBER

SEE TABLE

68682 - XXX - LF

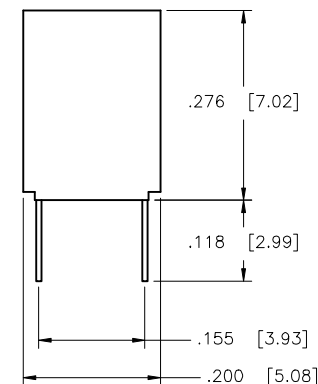
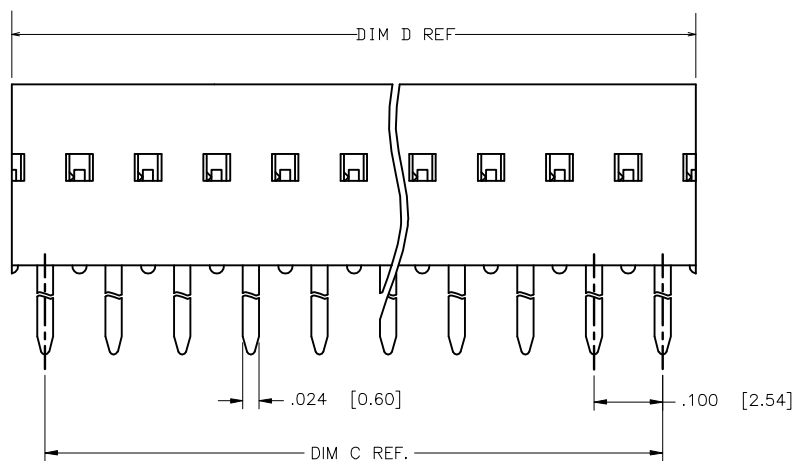
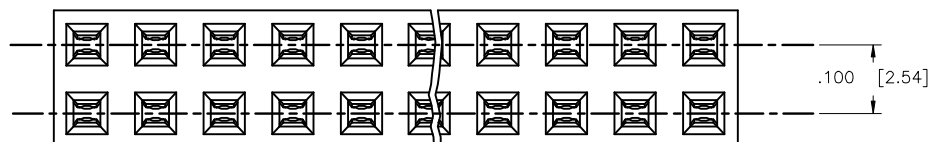
LEAD FREE OPTION

PACKAGING OPTION. OMIT IF NOT REQUIRED

NO OF POSITIONS PER ROW

PLATING CODE

BASE PART NUMBER



mat'l. code				surface	tolerance	projection	product family
-				ISO 1302	ISO 406 ISO 1101		DUBOX
litr	ecm no	dr	date	tolerances unless otherwise specified		INCH/MM	title
K	V10122	GIP	01/07/02	angles	linear		
L	V11677	GIP	01/22/02				
M	V03-0309	HTB	04/28/03	0° ± 2°		scale 4:1	
N	V05-0463	DPU	06/28/05	dr	S. RAMP	02/25/91	
P	M06-0433	MN	06/17/06	engr	M. HAHN	02/25/91	
R	M09-0124	MHT	7/24/09	chr	M. HAHN	02/25/91	
S	M09-0124	MHT	9/07/09	appd	M. HAHN	02/25/91	
sheet	revision	S	S	S			
index	sheet	1	2	3			



dwg no 68682 sheet 1 of 3 size A3
type Product Customer Drawing

PRODUCT NO NOTE 8	PLATING CONTACT AREA MIN NOTE 11	PLATING SOLDER TAIL
68682-2XX	15u"/.38u Au OR GXT OVER 50u"/1.27 Ni	100u"/160u" SN 2.54u"/4.06u"
68682-3XX	30u"/.76u Au OR GXT OVER 50u"/1.27 Ni	100u"/160u" SN 2.54u"/4.06u"
68682-4XX	100u"/160u" SN 2.54u"/4.06u"	100u"/160u" SN 2.54u"/4.06u"
68682-5XX	50u"/1.27u Au OVER 50u"/1.27 Ni	100u"/160u" SN 2.54u"/4.06u"
68682-6XX	30u"/.76u Au OR GXT OVER 50u"/1.27 Ni	100u"/160u" SN 2.54u"/4.06u"
68682-8XX	30u"/.76u Au OVER 50u"/1.27 Ni	100u"/160u" SN 2.54u"/4.06u"

OBSELETE

OBSELETE

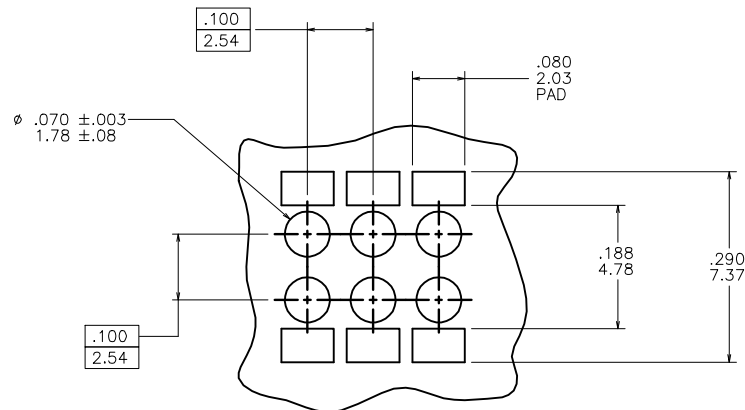


FIGURE A

NOTES:

- MATERIAL TERMINAL: PHOSPHOR BRONZE.
- RECOMMENDED APPLICATION DATA:
 - RECOMMENDED HOLE PATTERN IS SHOWN IN FIGURE A.
 - ALL MATING PINS TO BE .025/.64 SQUARE ON TRUE CENTER OF GIVEN TERMINAL SPACINGS WITHIN .015/.38 DIA
 - SUGGESTED MATING PIN LENGTH .210±.020/5.33±.51
 - TERMINALS CAN ONLY BE USED FOR PC BOARD WITH NON PLATED THROUGH HOLES.
 - RECOMMENDED PC BOARD THICKNESS: .062/1.58
- MATERIAL HOUSING: PPS FILLED. COLOR BLACK, FLAME RETARDANT PER UL-94V-0.
PART WILL WITHSTAND EXPOSURE TO 260° C PEAK TEMPERATURE FOR 20 SEONDS IN WAVE SOLDER,INFRA-RED OR VAPOR PHASE SOLDER PROCESS.
- FCI, FCI FINAL PART NUMBER AND DATE CODE TO BE MARKED ON TUBE LABEL.
- PREPLATED, STAMPED TERMINALS.
- PART NUMBER WITH SUFFIX "U" IS FOR SAWING PURPOSES ONLY.
- STANDARD TUBE PACKAGE PER BUS-14-097/3.
- ADD LF SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE OPTION.
- THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.
- "THIS PRODUCT HAS 100% TIN PLATING IN THE INTERFACE AND HAS NOT BEEN TESTED FOR WHISKER GROWTH IN ALL INTERCONNECT ENVIRONMENTS".
- PLATING OPTIONS:
MAY BE EITHER GOLD OR GXT PLATED AT MANUFACTURER'S OPTION.

mat'l. code	surface ISO 1502	tolerance ISO 406 ISO 1101	projection	product family
litr	ecn no	dr	date	title
S				DUBOX DBL. ROW DBL. ENTRY VERT. CARD CONN. ASS'Y.
	angles	linear	linear	dwg no
	0° ± 2'	XXX ± .005 / XXX ± .013	XXX ± .0020 / XXX ± .0051	68682
	dr	S. RAMP	02/25/91	sheet 2 of 3
	engr	M. HAHN	02/25/91	size
	chr	M. HAHN	02/25/91	A3
	appd	M. HAHN	02/25/91	type
sheet	revision			Product Customer Drawing
index	sheet			

1					2					3					4					5					6				
PRODUCT NO		NO. OF POSITION		DIM C		DIM D		LF OPTION		PRODUCT NO		NO. OF POSITION		DIM C		DIM D		LF OPTION		SEE NOTE 6									
68682-Y02		2 X 2		.100/2.54		.217/5.51		NOTE 8		68682-Y36		2 X 36		3.500/88.90		3.617/91.87		LF OPTION											
-Y03		2 X 3		.200/5.08		.317/8.05				-Y37		2 X 37		3.600/91.44		3.717/94.41		3.817/96.95		3.917/99.49		4.017/102.03							
-Y04		2 X 4		.300/7.62		.417/10.59				-Y38		2 X 38		3.700/93.98		3.800/96.52		3.917/99.49		4.017/102.03		4.117/104.57							
-Y05		2 X 5		.400/10.16		.517/13.13				-Y39		2 X 39		3.800/96.52		3.900/99.06		4.017/102.03		4.117/104.57		4.217/107.11							
-Y06		2 X 6		.500/12.70		.617/15.67				-Y40		2 X 40		3.900/99.06		4.000/101.60		4.117/104.57		4.217/107.11		4.317/109.65							
-Y07		2 X 7		.600/15.24		.717/18.21				-Y41		2 X 41		4.000/101.60		4.100/104.14		4.217/107.11		4.317/109.65		4.417/112.19							
-Y08		2 X 8		.700/17.78		.817/20.75				-Y42		2 X 42		4.100/104.14		4.200/106.68		4.317/109.65		4.417/112.19		4.517/114.73							
-Y09		2 X 9		.800/20.32		.917/23.29				-Y43		2 X 43		4.200/106.68		4.300/109.22		4.417/112.19		4.517/114.73		4.617/117.27							
-Y10		2 X 10		.900/22.86		1.017/25.83				-Y44		2 X 44		4.300/109.22		4.400/111.76		4.517/114.73		4.617/117.27		4.717/119.81							
-Y11		2 X 11		1.000/25.40		1.117/28.37				-Y45		2 X 45		4.400/111.76		4.500/114.30		4.617/117.27		4.717/119.81		4.817/122.35							
-Y12		2 X 12		1.100/27.94		1.217/30.91				-Y46		2 X 46		4.500/114.30		4.600/116.84		4.717/119.81		4.817/122.35		4.917/124.89							
-Y13		2 X 13		1.200/30.48		1.317/33.45				-Y47		2 X 47		4.600/116.84		4.700/119.38		4.817/122.35		4.917/124.89		5.017/127.43							
-Y14		2 X 14		1.300/33.02		1.417/35.99				-Y48		2 X 48		4.700/119.38		4.800/121.92		4.917/124.89		5.017/127.43		5.017/127.43							
-Y15		2 X 15		1.400/35.56		1.517/38.53				68682-Y50		2 X 50		4.900/124.46		5.017/127.43		5.017/127.43		5.017/127.43		5.017/127.43							
-Y16		2 X 16		1.500/38.10		1.617/41.07				68682-Y50U		2 X 50		4.900/124.46		5.017/127.43		5.017/127.43		5.017/127.43		5.017/127.43							
-Y17		2 X 17		1.600/40.64		1.717/43.61																							
-Y18		2 X 18		1.700/43.18		1.817/46.15																							
-Y19		2 X 19		1.800/45.72		1.917/48.69																							
-Y20		2 X 20		1.900/48.26		2.017/51.23																							
-Y21		2 X 21		2.000/50.80		2.117/53.77																							
-Y22		2 X 22		2.100/53.34		2.217/56.31																							
-Y23		2 X 23		2.200/55.88		2.317/58.85																							
-Y24		2 X 24		2.300/58.42		2.417/61.39																							
-Y25		2 X 25		2.400/60.96		2.517/63.93																							
-Y26		2 X 26		2.500/63.50		2.617/66.47																							
-Y27		2 X 27		2.600/66.04		2.717/69.01																							
-Y28		2 X 28		2.700/68.58		2.817/71.55																							
-Y29		2 X 29		2.800/71.12		2.917/74.09																							
-Y30		2 X 30		2.900/73.66		3.017/76.63																							
-Y31		2 X 31		3.000/76.20		3.117/79.17																							
-Y32		2 X 32		3.100/78.74		3.217/81.71																							
-Y33		2 X 33		3.200/81.28		3.317/84.25																							
-Y34		2 X 34		3.300/83.82		3.417/86.79																							
68682-Y35		2 X 35		3.400/86.36		3.517/89.33																							